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1. A filter cartridge comprising a strip, long fiber non-woven fabric which comprises a thermoplastic fiber and in which at least a part of fiber intersections is adhered, wherein the strip, long fiber non-woven fabric is wound around a perforated cylinder in a twill form.

- 2. The filter cartridge as described in claim 1, wherein the thermoplastic fiber constituting the long fiber non-woven fabric is a thermally adhesive composite fiber comprising a low melting point resin and a high melting point resin, the difference in a melting point of both the resins being 10°C or more.
- The filter cartridge as described in claim 2, wherein the low melting point resin is linear low density polyethylene and the high melting point resin is polypropylene.
- 4. The filter cartridge as described in any of claims1 to 3, wherein the long fiber non-woven fabric is bonded by
 thermal compression by means of a heat embossing roll.
- 5. The filter cartridge as described in olaim 2 or 3, wherein the fiber intersections of the long fiber non-woven fabric are bonded by hot blast.
- 6. The filter cartridge as described in any of claims 25 1 to 3, wherein the strip, long fiber non-woven fabric is twisted.

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- 7. The filter cartridge as described in any of claims 1 to 3, wherein the strip, long fiber non-woven fabric is formed into a pleated matter having 4 to 50 pleats and wound around a perforated cylinder in a twill form.
- 8. The filter cartridge as described in claim 7, wherein at least a part of the pleats of the above pleated matter is non-parallel.
- 9. The filter cartridge as described in claim 7, wherein the pleated matter has a void rate of 60 to 95%.
- 10. The filter cartridge as described in any of claims 1 to 3, wherein the filter cartridge has a void rate of 65 to 85%.
- 11. The filter cartridge as described in any of claims $\frac{1}{1}$ to 3, wherein the long fiber non-woven fabric has a slit width of 0.5 cm or more, and a product of the slit width (cm) and the basis weight (g/m^2) is 200 or less.

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